

Recombinant Human GSN Protein

Cat. No. GSN-004H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GSN Protein without tag was expressed in E. coli.
Species	Human
Source	E.coli
Description	Human Gelsolin is a potent calcium regulated actin filament severing protein that works to disassemble and reorganize the actin network. The extracellular isoform, plasma gelsolin, is suggested to act as an actin scavenging protein. Decreased levels of plasma gelsolin have been reported in trauma, burns, rheumatoid arthritis, and alzheimer disease.
Form	Lyophilized
Molecular Mass	Predicted Molecular Mass: 86 kDa SDS-PAGE: 97 kDa
Purity	> 95% as analyzed by SDS-PAGE
N-terminal Sequence Analysis	Ala28 predicted
Applications	ELISA and Western Blot Analysis
Notes	For Research Use Only.

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Storage	2 years at -20 to -80 centigrade as supplied. 1 month at 4 centigrade after reconstitution with preservative. 1 year at -20 to -80 centigrade after reconstitution.
Storage Buffer	Lyophilized from 1xPBS with Trelahose
Shipping	Ambient
Reconstitution	Reconstitute at 50 µg/mL in sterile PBS containing at least 0.1% protein

GENE INFORMATION

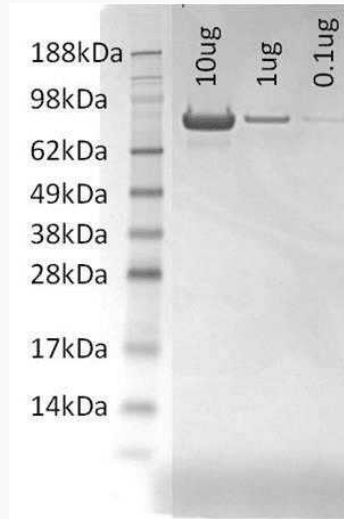
Gene Name	GSN gelsolin [Homo sapiens (human)]
Official Symbol	GSN
Synonyms	GSN; gelsolin; gelsolin (amyloidosis, Finnish type); amyloidosis; Finnish type; DKFZp313L0718; brevin; actin-depolymerizing factor; ADF; AGEL
Gene ID	2934
mRNA Refseq	NM_000177
Protein Refseq	NP_000168
MIM	137350
UniProt ID	P06396

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**Human Gelsolin on a
Coomassie stained
4-12% SDS-PAGE
gel, reducing
conditions.**



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